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(54) **Rotary catheter for atherectomy system**

(57) An atherectomy system (10) insertable into a human blood vessel (12) over a flexible guidewire (17) for remotely cutting and removing an obstruction (15) therein, having a diametrical stabilized torque transmitting flexible rotary catheter (19) equipped with a rotary coring means (22) at its distal end and a motor (24) connected to its proximal end.

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EUROPEAN SEARCH REPORT

Application Number
EP 95 20 1743

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
A	EP-A-0 254 414 (SHIBER) * the whole document *	1,2,8	A61B17/22 A61B17/32 A61M25/00 F16C1/02
A	US-A-4 653 496 (BUNDY) * column 3, line 17 - column 4, line 58; claim 2; figures *	1-4	
A	DE-A-32 42 341 (THEERMANN) * page 13, line 6 - line 12; figures 1,2 *	1,3,4	
A	US-A-3 773 034 (BURNS) * column 3, line 1 - line 32; figures 2-4,6,7 *	4-6	
P,X	US-A-4 819 634 (SHIBER) * the whole document *	1-8	
P,X	EP-A-0 347 098 (SHIBER) * column 6, line 41 - column 7, line 25; figures 4-7,9 *	1-8	
E	EP-A-0 358 825 (SHIBER) * the whole document *	1-8	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	US-A-4 030 503 (CLARK, III)		A61B
A	US-A-4 706 671 (WEINRIB)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 November 1995	Examiner Klein, C
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : technological background O : non-written disclosure P : intermediate document & : member of the same patent family, corresponding document	

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